

Abstract of the Disclosure:

- A fault interrupter having a microcontroller is provided to detect actual faults. The fault interrupter initiates a periodic self-test and provides external notification to the user upon successful or unsuccessful completion of the test. The fault
- 5 interrupter generates the test signal at a selected time to substantially coincide with the zero-crossing of the AC power source. A manual test can also be performed using a manual test switch provided as a direct input to the microcontroller.

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